

ContainerPower Energy Solutions

Cost and price of new energy storage



Overview

As of October 2025, the average storage system cost in New York is \$1463/kWh. Given a storage system size of 13 kWh, an average storage installation in New York ranges in cost from \$16,169 to \$21,875, with the average gross price for storage in New York coming in at \$19,022.

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As of December 2024, the average total installed costs for front-of-the-meter retail standalone energy storage projects, receiving NYSERDA incentives through money allocated in the 2018 Energy Storage Order and Clean Energy Fund, averaged \$645 per kWh.

DOE's Energy Storage Grand Challenge supports detailed cost and performance analysis for a variety of energy storage technologies to accelerate their development and deployment.

In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration systems. The projections are developed from an analysis of recent publications that include utility-scale storage costs.

In 2025, the average energy storage cost ranges from \$200 to \$400 per kWh, with total system prices varying by technology, region, and installation factors.

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